

Official 2017 SBCF/FOF DESERT RAGE DEMO DERBY RULES

FULL SIZE- First Run

EACH PARTICIPANT IS SUBJECT TO THE RULES AND REGULATIONS AS SET FORTH IN THE INTEREST OF SAFETY AND EQUAL COMPETITION

Entry Fee's

Pre-Registration: **FREE until May 1st for car and Driver**

After May 1st

\$50.00 (Includes Car, Driver, and 1 crew member)

Additional Crew members \$20.00

On Site

\$60.00

(Includes Car, Driver, and 1 crew member)

Additional crew members \$20.00

PIT GATE TIMES

Schedule TBA

2017 Demo Derby Rules

Full Size/Stock Car

Any factory stock American or Imported auto or station wagon with a wheelbase over 105" is allowed, with the following exceptions:

- No Chrysler imperials! (Except 1974 & newer).
- No convertibles, 4wd vehicles, jeeps, trucks, limos, hearse, ambulances, or SUVs' permitted.

Compact/Import

Any American or Import 2 wd. car, with a factory installed 4 or 6 cylinder engine. (NO 6 cyl. RWD cars or convertibles allowed)

- Cars may have a Maximum of 105" wheelbase. (Measured from center to center of wheels)
Small cars are not allowed to run in the big car events!
- Side to side bars may be used behind the front seat and in place of the dash on small cars. (Drivers door protection is mandatory)

All rules are subject to the interpretation of the SBCF/FOF Derby officials. Any equipment that the officials consider not in the intent of the rules will be considered illegal for competition. In the interest of fairness, the rules may be adjusted to create a balance in competition. The official's decisions are FINAL.

Safety:

1. Anyone entering pit area must display a pit pass and show valid ID.
2. No animals allowed in the pit area.
3. Keep your pit area clean, remove all trash.
4. Alcohol, Drugs, Firearms, are not allowed on the San Bernardino County Fairgrounds at any time. Verbal or Physical abuse will not be tolerated, and anyone in violation of either of these rules will be immediately removed from the Fairgrounds and subject to prosecution
5. Persons aged 16 and 17 must have a "Minors Release" form signed by parents to be admitted into pit area
(No one under 16 will be allowed in the pit area, unless competing in the Kids Power Wheel Derby)
6. No Open Toe Shoes allowed in the pit area.
7. Must have a small Fire Extinguisher in your pit area.
8. No Pit Crew in the arena during inspection of winning cars.
9. Neck braces, knee and elbow pads while not mandatory, are recommended.

Driver Rules:

1. All injuries must be reported to track officials, no matter how minor.
2. Regulation racing crash helmets must be worn by driver during the entire event.
3. Long sleeve shirts mandatory, no shorts.
4. Seat belts and helmets must remain buckled during the entire event.
5. Driver's are to stay in their vehicle during the entire event, unless otherwise directed by officials.
6. Driver's Meeting must be attended by all holding a pit pass. (Mandatory)
7. Immediately after the pit meeting each car must line up for the parade lap.
8. **Drivers may be disqualified for:**
 - a. Sandbagging (staying in the background and doing little hitting)
 - b. Being hooked to another car too long and/or not making contact with another car.
 - c. Drivers door contact and/or hitting vehicle of driver that has waved off.
 - d. Teaming (drivers working together and making consecutive hits on one car)
 - e. Car condition (anything that endangers participants) will not be allowed to run.
 - f. Driver or Pit Crew Behavior can cause you car to be removed from the event.
 - g. Cannot hit and hold.
 - h. Driving out of the derby arena.
 - i. No obscene language or illustrations on car. This is a family show.

Vehicle Rules:

1. These Rules are applicable for all classes unless otherwise noted.
2. Remove interior, all body trim, body clips, glass, plastic grills and composite body parts.
3. **Material sizes**, unless specified in rules are as follows: Chains 1/2", Welding filler 3/8" rebar or 1/4" X 2" flat stock. All are maximum sizes.
4. **Car number** must be installed on both sides of car and on roof. Minimum 18" lettering. Numbers Only!! Use a contrasting paint from car color, so readable to the officials and announcer. If using a Roof sign 18" X 18" MAX in size.
5. **Gas tanks** must be removed from stock location. New tank installed forward of rear axle behind driver's seat. Chains, cable or steel brackets must secure gas tanks. Tanks must be of regulation fuel cell quality (DOT approved) (contact officials with questions). **Maximum (6) gallon tanks.** Tank must be installed within safety bars, see attachment.
6. **Holes** must be made in the floorboard around the gas tank for possible spillage.
7. **Battery** must be relocated to front passenger floorboard. Batteries must be covered and securely attached with bolts or chains. No plumbers tape. Angle iron frame is best.
8. **Mandatory Safety Bars:** Side bars 6" from firewall to 1" forward of rear wheel well. 3 Cross bars, 1-at dash, 1-behind driver and 1-at rear wheel well (optional). Side bars and cross bars must be connected by welding or bolting. Side bars 4" X 3/8" stock min. / 6" min. gap between floor & side bars / 2" min. schedule 40 pipe or square tubing. Driver's door only may have bracing to floorboard, not frame. **No other Down Bars.**
9. **Mandatory:** Weld or bolt (2) **windshield braces (2" MAX)** from top of opening to bottom of opening to prevent hood from entering car. Do not tie window bars to safety cage. Rear window same as windshield, deck lid safety, sedans only.
10. **Bumper heights**, front and rear, cannot be higher than 20" measured from the ground to the bottom of bumper. Accepted lifting methods: Spring spacers, rear bump stops welded to axle housing only, 4" under frame max., top of A-frames may be welded to frame – **4" max. on each side – Front and Rear (DO NOT weld the inside top of A-arm)** Used car heights will be determined by officials.
11. **Bumper** may be welded to bumper brackets. Bumper brackets may be welded to frames. Bumper seams may be welded, **no fillers.** 5mph bumper may be installed using 6" X 1/2" flat mounting plates on bumper, Brackets to frame – 4" X 14" X 1/2" flat or 2" X 4" X 1/4" square tube or channel max. Brackets can be welded on the outside of frame only unless it came on top stock. Do not put on top, bottom, inside or stuffed in frame! Bumper brackets will be measured from bumper, **anything over 14" needs to be removed**, including stock brackets, front and rear bumpers. Do not use stock and homemade brackets together – it is one or the other.
12. **Engines** may be chained, bolted or welded to frame. No engine mounts forward of engine block. 4" max. welding of mounts to frame **horizontal** and 4" max. welding of mounts to frame **vertical.** (2) front head straps straight down will be allowed 1/2" X 2" MAX. Engine Cradles are allowed as long as they do not add reinforcement. **No rear mounts or**

distributor protectors.

13. **Engine** must remain in stock position. Firewall can be trimmed for engine swaps, but must remain intact (**Valve covers cannot be behind the original position of the firewall**). You may cut maximum 12" X 12" hole in firewall to relieve distributor rollback. Holes must be covered for safety. Oil pan may have a 1/8" plate welded on it to protect it from being sliced open. **No Engine setbacks. No distributor protectors.**
14. **Transmission Protectors: (option 1)** Tranny braces are allowed, but they can only hook to the top of the engine and to the top back bolts of the tail shaft. The brace cannot go half way down the tranny. It cannot hook to the cross member at all. Also, the brace cannot touch the bars or the floor. **(option 2)** If you do not run tranny protectors, you will be allowed to run **(2)** front kicker bars. The dimension size is **(3" MAX)** The bars will be allowed to connect to frame behind top of A-Frame. Kicker **must not** go through frame and can only be welded to frame by itself. **NO** mounting pads or gussets allowed at all. Kickers may be allowed, gussets at cross bars **only**. Kickers cannot connect to down bars or floorboards. 12" frame plate cannot touch. Also check rule 11 under optional vehicle specifications.
15. **Radiators**, if used, must be in stock location, may be strapped or wired in, no welding.
16. Headers may be installed mid-block and forward, **NO reverse headers allowed.**
17. **All cars** must have an engine air cleaner or similar carburetor cover for fire safety.
18. **Doors** may be chained shut or welded, filler not to exceed 1/2 inch stock. All doors may be welded solid, outside only. **No welding inside door seams.** No welding the top of any doors.
19. **Trunk lids** may be chained, welded; **36" of weld max.** No frame contact. Chain may wrap bumper in two places, 1/4" to 1/2" max. You need to have a 14" X 14" hole in center of truck for inspection.
20. **Station Wagon deck lids** max 36" of weld; tailgates may be chained or welded 24" of weld max. Chains 1/4" to 1/2" max. Refer to rule #3 for filler. A 14" hole must be cut in deck lids for inspections. **Station Wagons may have a combined welding of 36" for the tailgate and deck lids.**
21. **Hoods** must be chained, bolted only, no welding. Mandatory four chains or bolts. No frame contact. Bolt max 3/4", 4" washers max, 6" corner gussets (6" X 6" X 8.5" triangle) max, no frame contact. Hole (12" X 12") must be cut out of hood over carburetor for fire suppression. Chain may wrap bumper in two places, 1/4" to 1/2" max.
22. **Seat belts** are Mandatory. Front seat may be bolted or welded down. Bucket seat allowed.
23. **OEM** body bolts, bushings and washers only (**NO alterations allowed**) – 2 bolts of original size and put in any factory location, will be allowed to be installed if they are missing.
24. **Spring clamps** may be used. Four per spring 2" wide X 1/4" thick max.
25. **Leaf spring shackles** may be re-hung, 3" wide shackles max. Top leaf can be shortened by 12" from spring hanger bolt hole and sandwiched between top leaves, **clamped only**. Only 4 clamps per spring allowed.
26. **Sliding Drivelines will be allowed.**
27. Second time. Holes in firewall must be covered!!!
28. **Electric fuel pump** if used (EFI ONLY), requires kill-switch to be installed above steering column in windshield area. Must be painted a bright color for easy identification.
29. **Tires:** Any tire. Wheel rim 16" max. Valve stem protectors will be allowed, not to exceed the outer part of the rim. Weld them on securely.
30. **Transmission filler tube** must have drain hose installed to avoid fluid from contacting exhaust system (burp tube).

Optional Vehicle Specifications:

1. **Fenders** may be cut away from wheels.
2. **Transmission cooler**, if used, must be inside car and covered.
3. **Bumper** may be trimmed.
4. **One automotive A/C condenser** allowed, may be welded 6" each side. (No tractor AC condensers)
5. **Frame** repair allowed up to **12" total per frame rail**. Frame repair must have more than **2" separated from Bumper mount ends and frame repair starts. Minimum repair 6", 1/2" thick X 4" wide max size.**
Any car, **new** and **used**. **Call Bubba, if you have any questions.**
6. Chain may be wrapped from rear-end to frame. One each side. No cutting away body, No welding, No bolting to frame. Unibody cars, you may bolt through truck pan with a 1/2" bolt and 2" washer.
7. Steering, break away joint may be solid with a swivel joint; **all other steering must be stock.**
8. **The intent is for Vehicles to remain stock other than as stated in the rules.** Modification of tie rods, rear end housing, transmissions, A-frames and etc.... will not be allowed.
9. **Pinion Brake** set ups will be allowed as long as they are mounted safe and give no strength to the car.

10. **Halo bars**, if used, will be mounted to the safety bars only, not to floor. Install bar right behind the driver seat on Wagons and will need a minimum of 8" separation between the rear window bars on a Sedan. You may put (1) bolt (3/4" in size) with a 3" washer through the roof. If the officials feel the Halo bar is adding any extra strength, it must be adjusted or taken off. Max size 4" or smaller.

11. **Alum ultra-bells** will be allowed as long as they add no reinforcement to the car. Trans pan may have a 1/8" plate welded on the bottom to protect it from being sliced open. (this rule is if you do not have a transmission protector or kickers)

*It is illegal to weld body seams unless specified in rules.

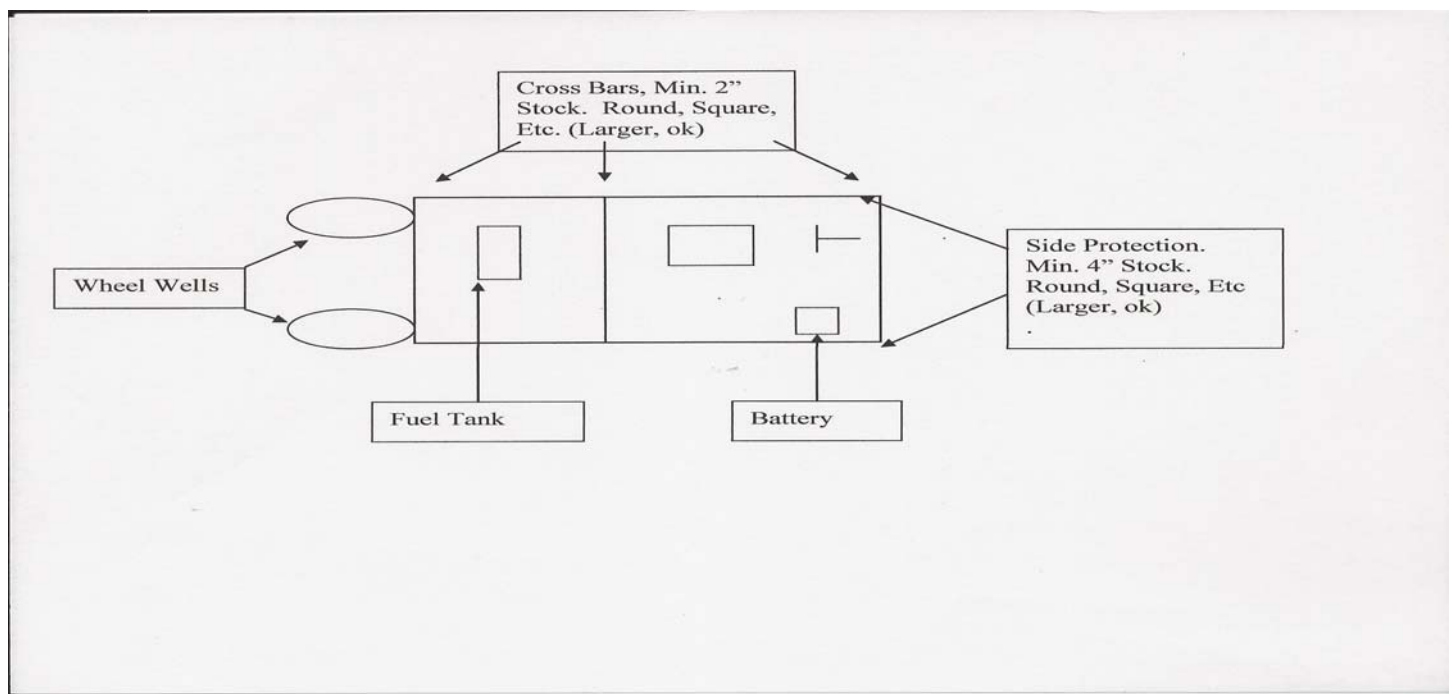
*It is illegal to weld, paint, undercoat, mud, sand, grind, etc. any portion of car's frame unless specified in rules.

If you believe one of the winning cars is illegal, you must put the complaint in writing and back it up with **\$150.00**.

If we find the complaint not to be valid, the money will not be refunded. **Protests restricted to drivers only.**

All vehicles will be searched for weapons, alcohol and drugs prior to entering the pit area.

**All vehicle rule questions - Please contact
John Hogue @ A-Tech Transmission 760-956-8324
or Email Dave Gross @ dglawn@msn.com**



2016 SBCF/FOF
DESERT RAGE DEMO DERBY ENTRY FORM –

2017 Derby, Saturday May 22nd , 2016

PLEASE PRINT LEGIBLE
USE NEW FORM FOR EACH CAR

CLASS

Full Size/Stock Car _____

Compact/Import _____

DRIVER NAME : _____ AGE: _____

VEHICLE # _____ MAKE: _____ MODEL: _____ YEAR: _____

Cyl _____ Drive (FWD or RWD) _____

STREET ADDRESS _____

CITY _____ STATE _____

ZIP CODE _____ PHONE # () _____

FAX () _____ EMAIL _____

DRIVERS LICENSE #: _____

CREW CHIEF NAME: _____

ADDITIONAL CREW (@\$20.00 each) _____

Entry Fee's
Pre-Registration
Free for all classes until May 1st

\$50.00 (Includes Car, Driver, and 1 crew member)
Additional Crew members \$20.00

On Site

\$60.00 (Each Entry Includes Car, Driver, and 1 crew member)
Additional crew members \$20.00